

Appl. No. 09/966,064
Amdt. dated March 7, 2005
Reply to Office action of January 13, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled).
2. (Currently amended) A computer system comprising:
a CPU;
a main memory array coupled to the CPU;
a read only memory (ROM) coupled to the CPU, wherein the ROM further
comprises: ~~The computer system as defined claim 1 wherein the~~
~~ROM. ROM1 further comprises:~~
said a first set of BIOS programs associated with the a first
set of operating system drivers; and
a second set of BIOS programs associated with a second
set of operating system drivers; and
a ~~second set of the of the operating system drivers~~
associated with the second set of BIOS programs
wherein at least one operating system driver of the first set of operating
system drivers is read from the ROM during installation of an
operating system for the computer system.
3. (Original) The computer system as defined in claim 2 wherein the first and second sets of BIOS programs are substantially identical.
4. (Original) The computer system as defined in claim 2 wherein the first and second sets of operating system drivers are substantially identical.
5. (Original) The computer system as defined in claim 2 wherein the ROM further comprises an electrically erasable programmable read only memory.

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6. (Currently amended) A computer system comprising:
a CPU;
a main memory array coupled to the CPU;
a read only memory (ROM) coupled to the CPU. ~~The computer system as~~
~~defined in claim 1~~ wherein the ROM further comprises:
a redundant portion; and
a non-redundant portion;
wherein the redundant portion of the ROM stores ~~the~~ a first
set of BIOS programs and a second set of BIOS
programs; and
wherein the non-redundant portion of the ROM stores ~~the~~ a
first set of operating system drivers; and
wherein at least one operating system driver of the first set of operating
system drivers is read from the ROM during installation of an
operating system for the computer system.
7. (Original) The computer system as defined in claim 6 wherein the first and
second set of BIOS programs are substantially identical.
8. (Original) The computer system as defined in claim 6 wherein the ROM
further comprises an electrically erasable programmable read only memory.
9. (Currently amended) The computer system as defined in claim 6 ~~[[1]]~~
further comprising:
wherein the ROM further comprises an electrically erasable programmable
read only memory (EEPROM); and
wherein the EEPROM stores two substantially identical copies of the BIOS
programs after installation of the operating system.

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10. (Currently Amended) A method comprising:
storing in a ROM device of a computer system a basic input output system
(BIOS) program; and
storing in the ROM hardware drivers for a plurality of different operating
systems.
11. (Previously presented) The method as defined in claim 10 further
comprising:
dividing the ROM into a redundant and non-redundant portions;
storing the BIOS program in the redundant portion of the ROM;
storing a second BIOS program in the redundant portion of the ROM; and
storing the hardware drivers in the non-redundant portion of the ROM.
12. (Previously presented) The method as defined in claim 11 wherein the
BIOS program and the second BIOS program are substantially the same.
13. (Currently amended) A method comprising:
~~The method as defined in claim 10 further comprising:~~
storing a first copy of the BIOS—a basic input output system (BIOS)
program in the ROM a ROM device of a computer system;
storing a first copy the hardware drivers in the ROM associated with the
first copy of the BIOS program;
storing a second copy of the BIOS program in the ROM; and
storing a second copy of the hardware drivers in the ROM associated with
the second copy of the BIOS program.
14. (Currently amended) A method comprising:~~The method as defined in
claim 10 further comprising:~~
storing the BIOS—a basic input output system (BIOS) program being a first
BIOS program in the ROM, the ROM being an electrically erasable

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- programmable read only memory (EEPROM) of a computer system;
- storing the hardware drivers in the EEPROM;
- copying one or more hardware drivers from the EEPROM;
- erasing the hardware drivers from the EEPROM after the one or more hardware drivers have been copied; and
- flashing a second BIOS program to the EEPROM in place of the hardware drivers.
15. (Previously presented) The method as defined in claim 14 wherein the second BIOS program is substantially the same as the first BIOS program.
16. (Currently Amended) A method comprising:
- supplying an operating system driver during the installation of an operating system by copying the operating system driver from a read only memory (ROM) device comprising a basic input output system (BIOS) and operating system drivers for a plurality of different operating systems.
17. (Previously presented) The method as defined in claim 16 further comprising supplying the operating system driver from the ROM being an electrically erasable programmable read only memory.
18. (Currently amended) A computer system comprising:
- a microprocessor;
- a main memory array coupled to the microprocessor;
- a read only memory (ROM) coupled to the microprocessor; and
- wherein the ROM further comprises:
- a redundant portion; and
- a non-redundant portion;

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wherein the redundant portion of the ROM stores the a first set and
a second set of BIOS programs; and
wherein the non-redundant portion of the ROM stores the operating
system drivers for a plurality of different operating systems;
wherein at least one of the operating system drivers is read from the ROM
during installation of an operating system for the computer system.

19. (Original) The computer system as defined in claim 18 wherein the first and second sets of BIOS programs are substantially the same.
20. (Original) The computer system as defined in claim 19 wherein the ROM further comprises an electrically erasable programmable read only memory.
21. (Previously presented) A method comprising:
dividing an electrically erasable programmable read only memory (EEPROM) into a redundant and non-redundant portions;
storing in the redundant portion of the EEPROM a first set of basic input output system (BIOS) programs and a second set of BIOS programs; and
storing in the non-redundant portion of the EEPROM operating system drivers.
22. (Previously presented) The method as defined in claim 21 wherein the first set of BIOS programs and the second set of BIOS programs are substantially the same.